

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below nam	ned inventor, I hereby declare that:
This declaration	is of the following type:
[X] [] []	original divisional continuation continuation-in-part
	INVENTORSHIP IDENTIFICATION
first and sole in	ost office address and citizenship are as stated below next to my name. I believe I am the original ventor (if only one name is listed below) or an original, first and joint inventor (if plural names are the subject matter which is claimed and for which a patent is sought on the invention entitled:
	RING NITROGEN PROFILE IN SILICON OXYNITRIDE USING RAPID AL ANNEALING WITH AMMONIA UNDER ULTRA-LOW PRESSURE
	SPECIFICATION IDENTIFICATION
The specification	n of which:
[] [X]	is attached hereto was filed on 02/04/2004, under Serial No. 10/772,893, executed on even date herewith; or [Express Mail No.(as Serial No. not yet known) and was amended on applicable) (i
[]	was described and claimed in PCT International Application No filed or and as amended under PCT Article 19 on
	ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
	nat I have reviewed and understand the contents of the above-identified specification, including the ded by any amendment referred to above.
	he duty to disclose all information I know to be material to patentability in accordance with Title 37 Regulations, 1.56,
	naterial to the examination of this application; namely, information where there is a substantial reasonable Examiner would consider it important in deciding whether to allow the application to and
[]	In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America or of any United States Provisional Application(s) listed below, and have also

the United States of America or of any United States Provisional Application(s) listed below, and have al	60
identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s)	
designating at least one country other than the United States of America filed by me on the same subject matt	er
having a filing date before that of the application(s) of which priority is claimed.	
No such applications have been filed.	

A. Prior foreign/PCT/provisional application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. § 119

Such applications have been filed as follows:

Country/PCT	Application No	Date Filed	Priority Claimed
U.S.	60/445,281	02/04/2003	[X] Yes [] No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

[X]

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, § 120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

	No such applications have been filed Such applications have been filed, as follows:			
		Statu	IS	
<u>Serial No</u> .	Filing Date	Patented Pending	Abandoned	

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Michael B. Einschlag	Registration No. 29,301
Joseph Bach	Registration No. 37,771
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Walter Benjamin Glenn	Registration No. 44,713
Robert W. Mulcahy	Registration No. 25,436

my patent attorneys and/or agents of APPLIED MATERIALS, INC, located at M/S 2061, 3050 Bowers Avenue, Santa Clara, California 90504, and

Ramin Aghevli, Reg. No. 43,462; William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. 42,261; W. Thomas Babbitt, Reg. No. 39,591; Jordan M. Becker, Reg. No. 39,602; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Burnett, Reg. No. 46,149; Gregory D. Caldwell, Reg. No. 39,926; Cory G. Claassen, Reg. No. 50,296; Thomas M. Coester, Reg. No. 39,637; Mimi D. Dao, Reg. No. 45,628; Stephen M. De Klerk, Reg. No. 46,503; Daniel M. De Vos, Reg. No. 37,813; Sanjeet Dutta, Reg. No. 46,145; Tarek N. Fahmi, Reg. No. 41,402; Thomas S. Ferrill, Reg. No. 42,532; George L. Fountain, Reg. No. 36,374; Adam Furst, Reg. No. 51,710; Angelo J. Gaz, Reg. No. 45,907; Andre M. Gibbs, Reg. No. 47,593; Steven R. Gilliam, Reg. No. 51,734; James Y. Go, Reg. No. 40,621; Jeffery S. Heileson, Reg. No. 46,765; James A. Henry, Reg. No. 41,064; William E. Hickman, Reg. No. 46,771; Willmore F. Holbrow III, Reg. No. 41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; Aslam A. Jaffery, Reg. No. 51,841; William W. Kidd, Reg. No. 31,772; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; Steven Laut, Reg. No. 47,736; Suk S. Lee, Reg. No. 47,745; Gordon R. Lindeen III, Reg. No. 33,192; Jan C. Little, Reg. No. 41,181; Joseph Lutz, Reg. No. 43,765; Lawrence E. Lycke, Reg. No. 38,540; Michael J. Mallie, Reg. No. 36,591; Andre L. Marais, Reg. No. 48,095; Raul D. Martinez, Reg. No. 46,904; Paul A. Mendonsa, Reg. No. 42,879; Jonathan S. Miller, Reg. No. 48,534; Heather M. Molleur, Reg. No. 50,432; Richard A. Nakashima, Reg. No. 42,023; Thinh V. Nguyen, Reg. No. 42,034; Robert B. O'Rourke, Reg. No. 46,972; Daniel E. Ovanezian, Reg. No. 41,236; Philip A. Pedigo, Reg. No. 52,107; Marina G. Portnova, Reg. No. 45,750; Joseph A. Pugh, Reg. No. 52,137; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Saina S. Shamilov, Reg. No. 48,266; Kevin G. Shao, Reg. No. 45,095; Stanley W. Sokoloff, Reg. No. 25,128; Judith A. Szepesi, Reg. No. 39,393; Edwin H. Taylor, Reg. No. 25,129; Lisa Tom, Reg. No. 52,291; John F. Travis, Reg. No. 43,203; Kerry D. Tweet, Reg. No. 45,959; Mark C. Van Ness, Reg. No. 39,865; Thomas A. Van Zandt, Reg. No. 43,219; Mark R. Vatuone, Reg. No. 53,719; Lester J. Vincent, Reg. No. 31,460; John P. Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. 46,322; Thomas C. Webster, Reg. No. 46,154; Chui-Kiu Teresa Wong, Reg. No. 48,042; and Norman Zafman, Reg. No. 26,250, my patent attorneys, and Brent Vecchia, Reg. No. 48,011 and Lehua Wang, Reg. No. 48,023, my patent agents, of BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (310) 207-3800, and James R. Thein, Reg. No. 31,710, my patent attorney with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith. Send correspondence to: Direct telephone calls to:

> APPLIED MATERIALS, INC. Patent Counsel Legal Affairs Department P.O. Box 450A Santa Clara, CA 95054.

Michael A. Bernadicou (408) 720-8300

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or firs	t inventor: Pravin K. Narwa	nkar		
Inventor's signature:	Lamedon mu	Date: 6/11/04		
Residence:	SUNNYVALE, CA 94086			
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	SUNNYVALE, CA 94086	5		
	U.S.A.	Country of Citizenship: INDIA		
Full name of second inv	entor: Gary Miner			
Inventor's signature:	Langevin	Date: 6-11-04		
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	-NEWARK, CA 94560-	FREMONT, CA 94539		
	U.S.A.	Country of Citizenship: U.S.A.		
Full name of third inven	tor: Araud Lepert			
Inventor's signature:		Date:		
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Post Office Address:	3303 PLATEAU DRIVE			
	BELMONT, CA 94002			
		Country of Citizenship: FRANCE		

(Declaration ends with this page)



COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:			
This declaration is of the following type:			
[X] original [] divisional [] continuation [] continuation-in-part			
INVENTORSHIP IDENTIFICATION			
My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:			
TAILORING NITROGEN PROFILE IN SILICON OXYNITRIDE USING RAPID THERMAL ANNEALING WITH AMMONIA UNDER ULTRA-LOW PRESSURE			
SPECIFICATION IDENTIFICATION			
The specification of which:			
 [] is attached hereto [X] was filed on 02/04/2004, under Serial No. 10/772,893, executed on even date herewith; or [] Express Mail No.(as Serial No. not yet known) and was amended on (if applicable) [] was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on 			
ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR			
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.			
I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, 1.56,			
and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and			
[] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR 1.98.			

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the United States of America or of any United States Provisional Application(s) listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.				
	[] No such applications have been filed. [X] Such applications have been filed as follows:			
A.		/provisional application(s) ny priority claims under 35		s. (6 mos. for design) prior to this
	Country/PCT	Application No	Date Filed	Priority Claimed
Ţ	U.S.	60/445,281	02/04/2003	[X] Yes [] No
B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application			mos for design) prior to this U.S.	
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		PRIORITY CLA	IM (35 U.S.C. §120)	
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Status				
	Serial No. Fi	iling Date Pat	ented Pending	Abandoned
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James C. Wilson	Registration No. 35,412
Walter Benjamin Glenn	Registration No. 44,713
Robert W. Mulcahy	Registration No. 25,436

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Send correspondence to:

Direct telephone calls to:

APPLIED MATERIALS, INC. Patent Counsel Legal Affairs Department P.O. Box 450A Santa Clara, CA 95054.

Michael A. Bernadicou (408) 720-8300

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or fir	st inventor: Pravin K. Narwanka	ar
Inventor's signature:		Date:
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	SUNNYVALE, CA 94086	
	U.S.A.	Country of Citizenship: INDIA
Full name of second inv	ventor: Gary Miner	·
Inventor's signature:		Date:
Residence:	NEWARK, CA 94560	
Post Office Address:	4959 SEVERN PLACE	
	NEWARK, CA 94560	
	U.S.A.	Country of Citizenship: U.S.A.
Full name of third inve	ntor: Aroud Lepert	
Inventor's signature:		Date: 6/18/04
Residence:	BELMONT, CA 94002	A
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	BELMONT, CA 94002	
		Country of Citizenship: FRANCE

(Declaration ends with this page)